

WO 01/09305

PCT/US00/21009

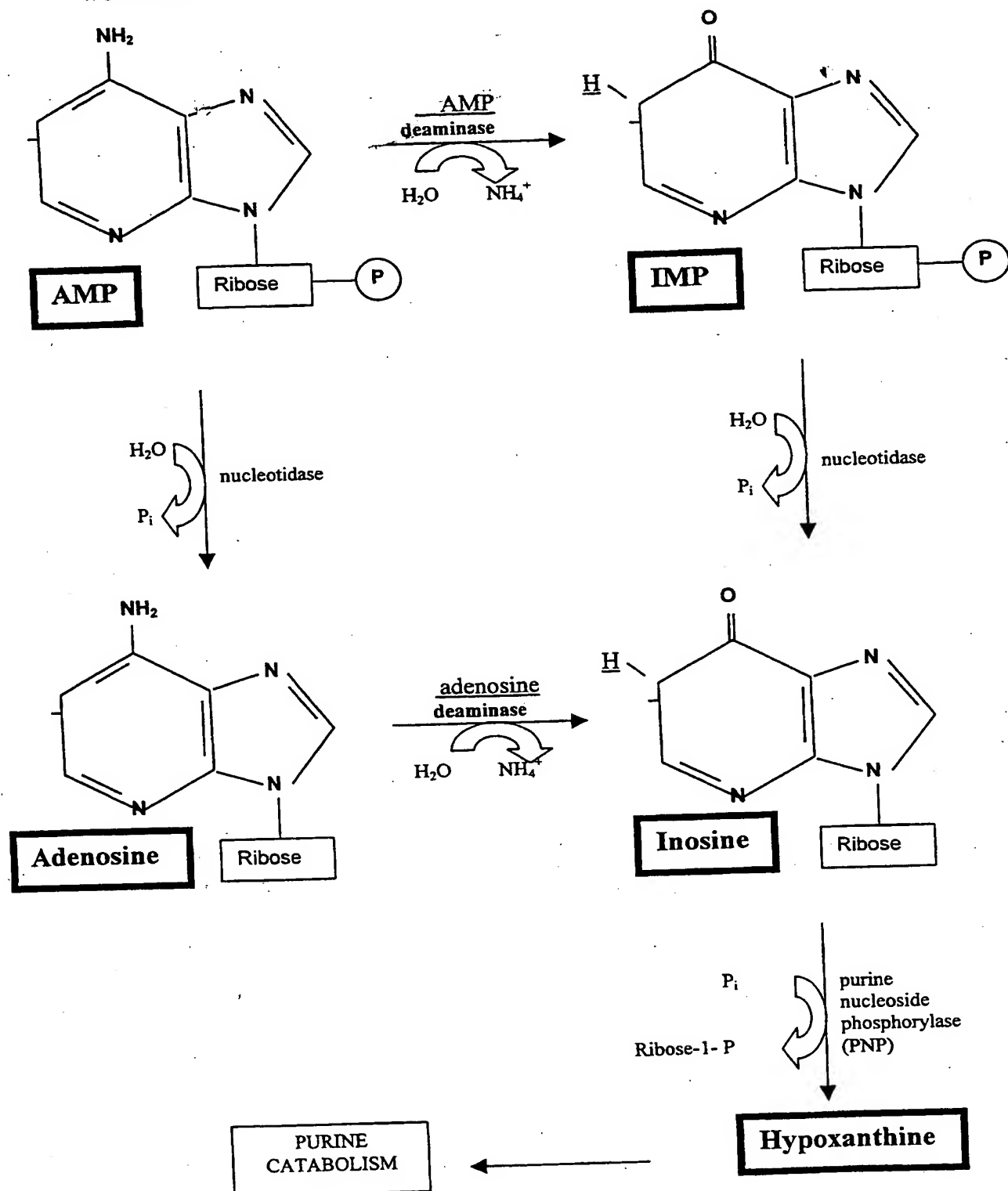


FIGURE 2

[illegible]

FIGURE 2 (continued)

SEQ ID NO:14	ERRPTKHMPTPEQWTVNPFNSYAYCYANLFTLNKLRESKGMTTIKFRPHAGEAGDVHDLAATFLCHNISHGINLRKSPVLQYLYY
SEQ ID NO:16	ERRPTKHMPTPEQWTVNPFNSYAYCYANLFTLNKLRESKGMTTIKLRPHCGEAGDIDHLAAAFLTSHNIAHGVNLKSPVLQYLYY
SEQ ID NO:18	ERRPTKHMPTPEQWTVNPFNSYAYCYANLFTLNKLRESKGMTTIKFRPHSGEAGDIDHLAATFLTAHNIAGHGINLRKSPVLQYLYY
SEQ ID NO:20	ERRPTKHMPTPEQWTVNPFNSYAYCYANLFTLNKLRESKGMTTIKFRPHAGEAGDVHDLAATFLCHSISHGINLRKSPVLQYLYY
gi 7484807	ERRPTKHMPTPAQWTVNPFNSYAYCYANLFTLNKLRESKGMTTIKFRPHSGEAGDIDHLAATFLTCHSIAHGINLRKSPVLQYLYY
SEQ ID NO:14	LGQIGLAMSPLSNNLSFLDYHRNPFTFFQRLGNVSLSTDPLQIHLTKPLVEEYSIAASLWKLSSCDLCEIARNSVYQSGFSHALKAH
SEQ ID NO:16	LAQIGLAMSPLSNNLSFLDYHRNPFTFFLRLGNVSLSTDPLQIHLTKPLVEEYSIAASLWKLSSCDLCEIARNSVYQSGFSHRLKSH
SEQ ID NO:18	LAQIGLAMSPLSNNLSFLDYHRNPFTFFLRLGNVSLSTDPLQIHLTKPLVEEY-----
SEQ ID NO:20	LGQIGLAMSPLSNNLSFLDYHRNPFTFFQRLGNVSLSTDPLQIHLTKPLVEEYSIAASLWKLSSCDLCEIARNSVYQSGFSHALKAH
gi 7484807	LAQIGLAMSPLSNNLSFLDYHRNPFTFFLRLGNVSLSTDPLQIHLTKPLVEEYSIAASVWKLSCDLCEIARNSVYQSGFSHALKSH
SEQ ID NO:14	WIGKNYKRGPGAGNDJHRTNVPHIRVQFREMIWRNEMKLVYSDNEILLIPDELDL
SEQ ID NO:16	WIGRNYKRGHDGNDJHQTNPVPHIRIEFRHTIWKEEMELIHLRN-VDIPEIDR
SEQ ID NO:18	-----
SEQ ID NO:20	WIGKNYKRGPSGNDIHRNTVPTIRIEFRDLIWRDEMQLVYLNNVIL-PDEVDO
gi 7484807	WIGKDYKRGPGDNDIHKTNVPHIRVEFRDVTWNE-----IYL---FFTQVNFSL

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FIGURE 3
Comparison of Adenosine Deaminase Polypeptides From Soybean (SEQ ID NO:22) and *E. coli*

SEQ ID NO:22 gi 2506342	MCGENMKQFLKELPKCEHHIHIEGSLSPALLFELAKTNNIALPDSAADASFKEPQELSRYERFTSLNDELHYYIIGMSVLINPADYESL MIDT-----TLPLTDIHRHLDGNIRPQTILELGRQYNISLPAQSLETLIPHVQVIANE-----PDIVSFLTKLDWGVKVLASLDACRRV
SEQ ID NO:22 gi 2506342	AYEYLTKANRDGVVHHAIEIFFDPO-AHTERGIAVNTVVEGLSAGLKRAEKDFGITSKLILCFRLHLSAEDAKTTYQEA VSLGHFSNGTVAA AFENIEDAARHGLHYVELRFSPGYMAMAHQLPVAGVVEAVIDGVREGCRTFGVQAKLIGIMSRFTFGEAACQOELEA--FLAH--RDQITA
SEQ ID NO:22 gi 2506342	IGLDSSEVGFPPEIFEREIYESAETKGIHRTAHAGEEGDTSYISRALDICKVERIDHGIRLAEDENLLKRVAEQGTMLTVCPLSNVRLRCV LDLAGDELGFPGLSFLSHFNRRARDAGWHITVHAGEAAGPESIWQAIRELGAERIGHGVKAIEDRALMDFLAEQQIGIESCLTSNIQTSTV
SEQ ID NO:22 gi 2506342	ENVGQLPIRKFLDGGIKFSINSDDPAYFGGYILDNYLAVQEAFLNLKWKYIATSAIEGSWCDDERKAVLLSKVDACAKKYEALL AELAAHPLKTFLEHGIRASINTDDPGVQGVDIIEHYTVAAPAAGLSREQIRQAQINGLEMAFLSAEEKRALREKVAA-----K